

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(363344)] LIEBHERR LH40C 135581-1527 - Diesel Engine

Sample No: LH0278779

Oil Type: DIESEL ENGINE OIL SAE 40



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0278779	LH0277659	LH0270109	LH0265820
Date d'échant.	15 Feb 2024	07 Dec 2023	25 Sep 2023	28 Jun 2023
Heures de la Machine	5458	4925	4405	3831
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	N/A	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

**CANADA IRON AND METAL CO. LTD.**  
 3534 DUNDAS STREET WEST  
 TORONTO, ON  
 CA M6S 2S1  
 Contact: Joshua Kiminisky  
 josh@canadairon.com  
 T:  
 F: (416)762-1808



#### ÉTAT D'HUILE

Visc 100°C	cSt	13.3	13.2	13.2	13.1
Oxydation (PA)	%	62	62	66	63



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	60	60	66	63
Sulfatation (PA)	%	53	51	52	51
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	6	6	5
Sodium	ppm	<1	2	2	1
Potassium	ppm	<1	0	<1	1

#### Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



#### MÉTAUX D'USURE

Fer	ppm	2	3	3	3
Cuivre	ppm	1	2	3	2
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	1	1	<1	1
Chrome	ppm	0	0	0	<1
Molybdène	ppm	56	56	61	57
Nickel	ppm	0	<1	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1093	1134	1066	1026
Magnésium	ppm	945	917	989	964
Zinc	ppm	1169	1176	1217	1162
Phosphore	ppm	1013	950	1007	1050
Baryum	ppm	0	<1	<1	0
Bore	ppm	2	3	3	3

Depot: CAN353TOR  
 Unique No: 5733315  
 Signed: Wes Davis  
 Report Date: 16 Feb 2024



### GRAPHS

